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DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

PAI-CHENG WEAPONS TEST  
RANGE, CHINA

Declass Review by NIMA/DOD

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CIA/PIR 67253

DATE APRIL 1966

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PAI-CHENG WEAPONS TEST

RANGE, CHINA

45 43N-122 39E

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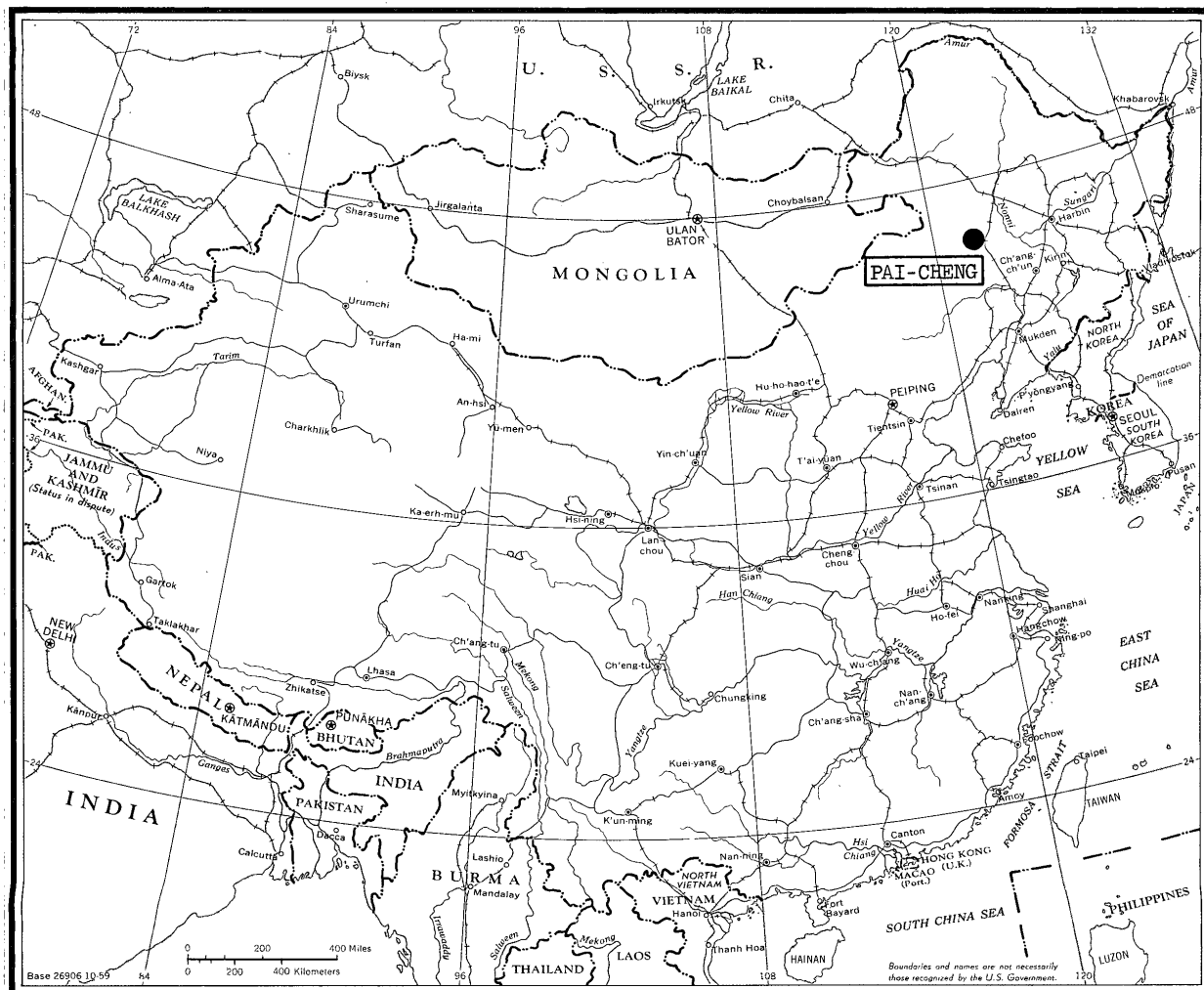
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FIGURE 1

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PREFACE

New activity was observed on [ ] photography in the impact area of the Pai-Cheng Weapons Test Range, China.\*

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The purpose of this report is to determine, on recent coverage, the number of impact areas, the approximate number of impacts in each area, and the range (distance) of the impact areas from the firing line (range head).

Photography [ ] was used to determine the impact data and furnish to the analyst information as to when the activity took place.

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Mensuration of the impact craters was not attempted due to an inability to identify the true crater perimeters.

\*TDI carries Tao-An (Pai-Cheng) Weapons Test Range at 45 44 20N-122 39 20E

[ ]

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Analysis of [ ] reveals recent activity in the impact area of the Pai-Cheng Weapons Test Range. Five impact areas of concentrated fire can be observed between 7 and 21 kilometers (km) downrange (see Figures 2 and 4).

Snow cover of the range on [ ] made possible the identification of activity since [ ]. The identification of the probable impacts is based on the observance of small areas, lacking snow cover, which vary somewhat in size and configuration (see Figure 3).

However, no identification as to the types of weapons which caused the impacts can be made.

#### IMPACT AREA A

##### 1. Down Range Distance and Size of Impact Area

The impact area is rectangular in shape with an average width of 600 meters and a length extending from 7 km downrange.

##### 2. Number of Impacts and Concentration

Approximately 30 impacts are observed on [ ] coverage. They are primarily concentrated between 10-11 km and 15-16 km.

##### 3. Types of Impacts and Coverage on which first observed

The size of each of the probable impacts averages approximately 50 feet. No definite craters within snow-free areas are observed. [ ] photography revealed approximately 100 impacts, thereby indicating most activity in the impact area occurred [ ].

#### IMPACT AREA B

##### 1. Downrange Distance and Size of Impact Area

The impact area is elliptically-shaped with a major axis of approximately 3.5 km and a minor axis of approximately 1.5 km. The center of the impact area is 15.2 km downrange.

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IMPACT AREA C

IMPACT AREA B

IMPACT AREA E

IMPACT AREA D

IMPACT AREA A

PAI-CHENG WEAPONS  
TEST RANGE

FIRING LINE

Appr

FIGURE 2

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2. Number of Impacts and Concentration

Approximately 130 impacts are observed with a high concentration located 16 km downrange.

3. Types of Impacts and Coverage on which first observed

The size of the snow-free areas varies between 75 and 125 feet. No definite craters at the impacts sites can be identified. The impacts were first observed on [ ] photography, and no discernible new activity has been observed since this time.

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IMPACT AREA C

1. Downrange Distance and Size of Impact Area

The impact area is circular in shape, has a diameter of approximately 2.5 km, and is centered at 19 km downrange.

2. Number of Impacts and Concentration

Approximately 120 impacts are observed and these are concentrated between 18.5 km and 20 km downrange. Two T-shaped possible targets are located within the area.

3. Types of Impacts and Coverage on which first observed

The size of the snow-free areas is similar to those in Impact Area B and were first observed on [ ] coverage.

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IMPACT AREA D

1. Downrange Distance and Size of Impact Area

The impact area extends from 18 km to 20 km downrange and is approximately 3.5 km wide.

2. Number of Impacts and Concentration

There are 75 impacts observed and 3 apparent areas of concentration. Twenty-eight impacts are observed concentrated 18.5 km downrange, 31 impacts are concentrated 19 km downrange, and 16 are observed approximately 19.4 km downrange.

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3. Types of Impacts and Coverage on which first observed

The impacts in this area possess more of a crater shape than in the other areas. All impacts were first observed on [redacted] photography. Only 20 of the impacts contain areas of exposed ground around them indicating they are more recent than the other 55.

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IMPACT AREA E

1. Downrange Distance and Size of Impact Area

This impact area is the smallest of the five. It is circular in shape, has a diameter of approximately one km, and is centered at 12.5 km downrange.

2. Number of Impacts and Concentration

Approximately 25 impacts are observed and are evenly distributed throughout the area.

3. Types of Impacts and Coverage on which first observed

The impacts in this area are similar to those found in areas B and C; however, they are somewhat smaller, averaging between 50 and 75 feet. All of the snow-free areas were first observed on [redacted] photography.

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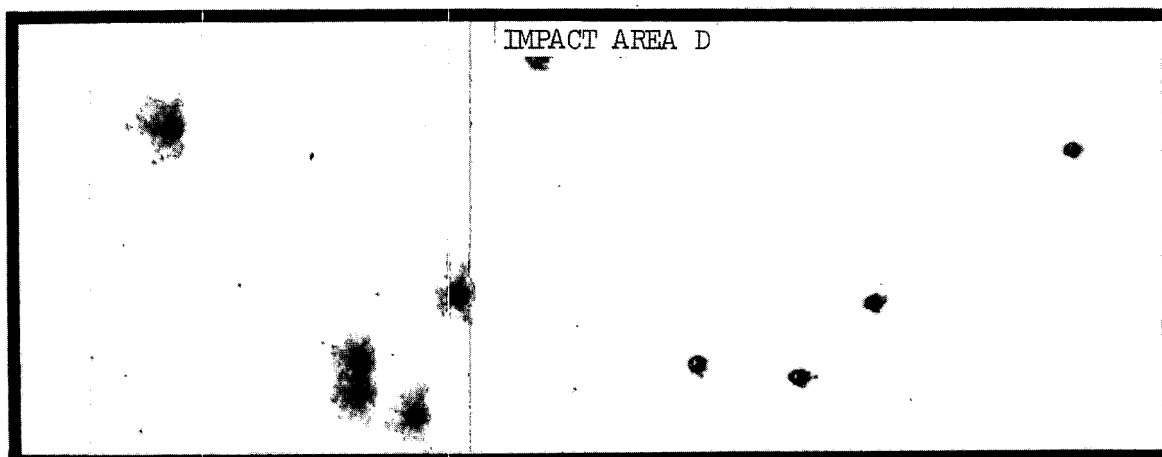
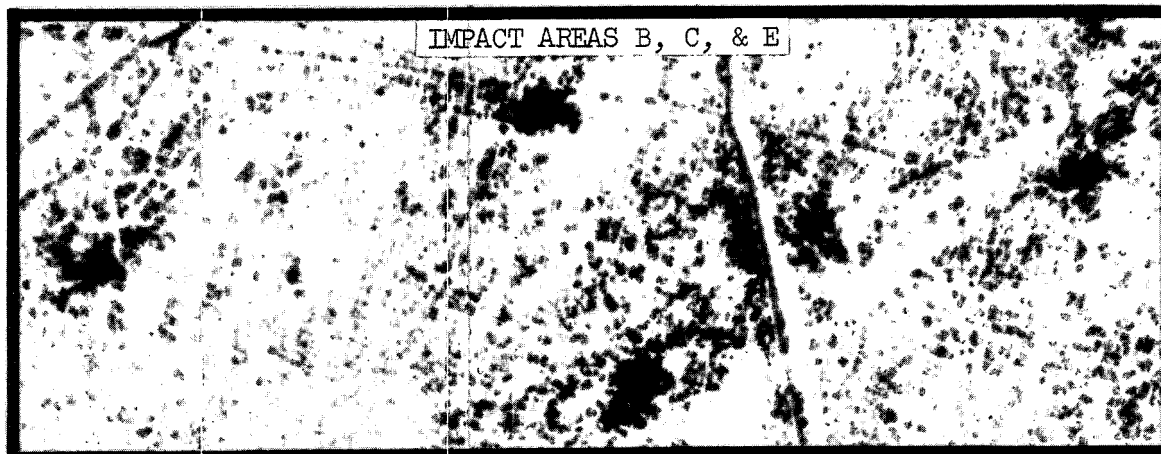
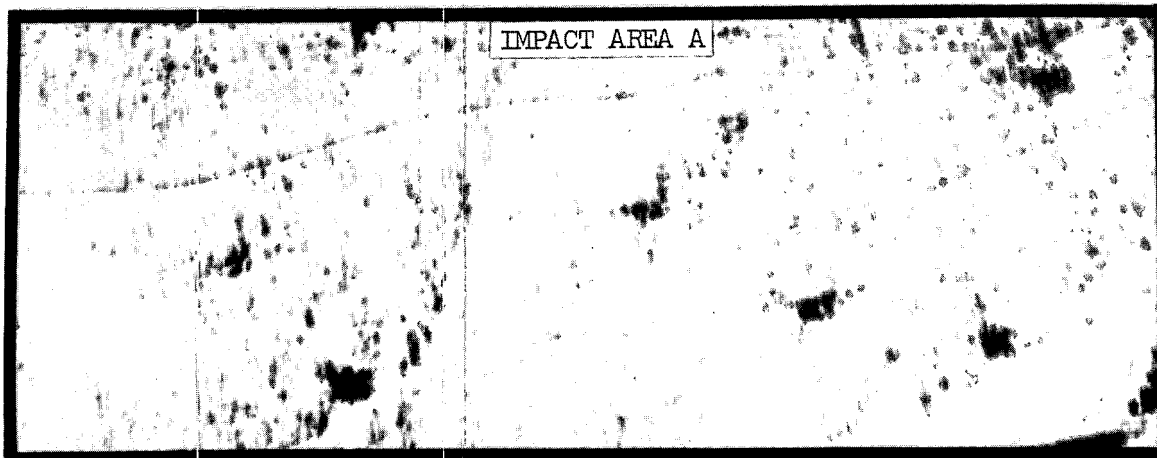
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TYPES OF IMPACTS

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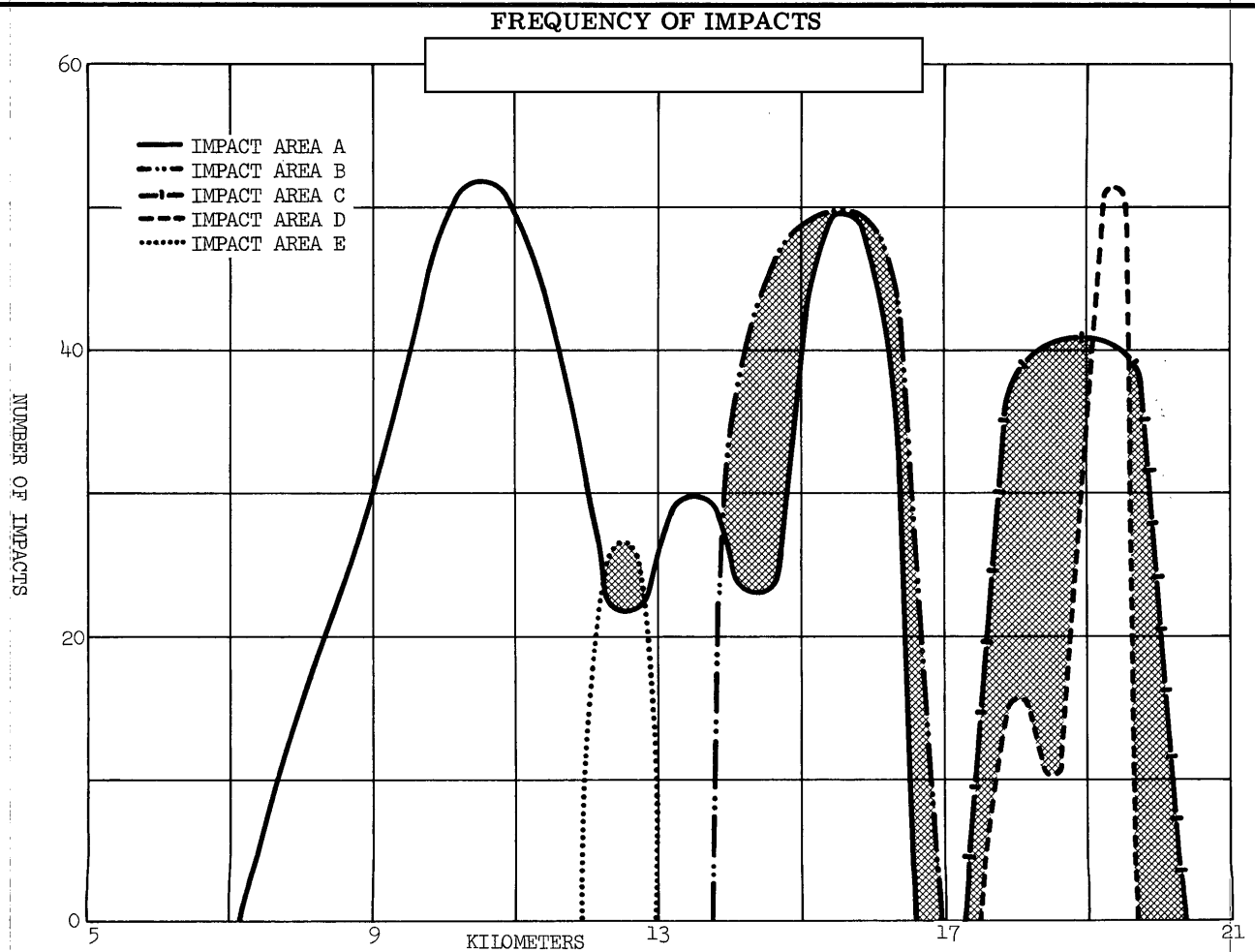
(Approximate)  
FIGURE 3

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FIGURE 4

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REFERENCES

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MAPS AND CHARTS

US Air Target Chart Series 200, Sheet 0284-15HL, 2nd Edition,  
May 1962 (SECRET)

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DOCUMENTS

NPIC. [ ] Pai-Cheng Weapons Test Range, China,  
November 1965 (TOP SECRET [ ])

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NPIC/R-170/64, Test Facility - Tao-An, China, March 1964  
(TOP SECRET [ ])

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DIA. BE Listing for CIA, Soviet Bloc, March 1966 (SECRET [ ])

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REQUIREMENT

CIA. C-DS6-83, 358

CIA/IAD PROJECT

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